

## 10720839 IN SITU SUBSTRATE TEMPERATURE MONITORING

SRNT 7/23/05

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L1	1	10/608,091	US-PGPUB; USPAT	7/23/05 14:45	Related application by same inventor.
IS&R	L2	1	("5564830").PN.	US-PGPUB; USPAT	7/23/05 14:46	Used in FAOM of application 10/640350
BRS	L3	1	10/640350	US-PGPUB; USPAT	7/23/05 14:48	Related application same Assignee
BRS	L4	1038	LAM.as.	US-PGPUB; USPAT	7/23/05 14:49	
BRS	L5	25	LAM.as. and temperature.ti.	US-PGPUB; USPAT	7/23/05 15:12	browsed
BRS	L7	2	09/846432	US-PGPUB; USPAT	7/23/05 15:15	from one of above, assignee search patents
BRS	L8	20	("4615755"   "4842683"   "4949783"   "4963713"   "4999320"   "5096536"   "5103367"   "5160152"   "5270266"   "5290381"   "5320982"   "5350479"   "5556204"   "5673750"   "5676205").PN. OR ("6140612").URPN.	US-PGPUB; USPAT; USOCR	7/23/05 16:42	Janus search of US 6140612 A for heat transfer gas patents.
IS&R	L17	472	((374/1) or (374/2)).CCLS.	US-PGPUB; USPAT	7/23/05 18:38	
IS&R	L18	2429	((374/120) or (374/126) or (374/127) or (374/147) or (374/141) or (374/179) or (374/121)).CCLS.	US-PGPUB; USPAT	7/23/05 18:38	
IS&R	L19	411	((356/43) or (356/45)).CCLS.	US-PGPUB; USPAT	7/23/05 18:38	
IS&R	L20	1087	((438/16) or (438/9)).CCLS.	US-PGPUB; USPAT	7/23/05 18:39	
IS&R	L21	1320	(427/8).CCLS.	US-PGPUB; USPAT	7/23/05 18:38	
IS&R	L22	1185	((427/535) or (427/585)).CCLS.	US-PGPUB; USPAT	7/23/05 18:38	
IS&R	L25	297	(118/666).CCLS.	US-PGPUB; USPAT	7/23/05 18:39	see below
IS&R	L26	212	(118/667).CCLS.	US-PGPUB; USPAT	7/23/05 18:39	see below
BRS	L27	5	17 and @pd>"20050516"	US-PGPUB; USPAT	7/23/05 18:43	update
BRS	L28	19	18 not 17 and @pd>"20050516"	US-PGPUB; USPAT	7/23/05 18:55	update
BRS	L29	3	19 not 18 not 17 and @pd>"20050516"	US-PGPUB; USPAT	7/23/05 18:56	update
BRS	L30	27	20 not 19 not 18 not 17 and @pd>"20050516"	US-PGPUB; USPAT	7/23/05 19:00	update
BRS	L31	17	21 not 20 not 19 not 18 not 17 and @pd>"20050516"	US-PGPUB; USPAT	7/23/05 19:03	update
BRS	L32	31	22 not 21 not 20 not 19 not 18 not 17 and @pd>"20050516"	US-PGPUB; USPAT	7/23/05 19:03	update
IS&R	L23	119	(156/345.27).CCLS.	US-PGPUB; USPAT	7/23/05 19:06	browsed all.
IS&R	L33	1	("6409932").PN.	US-PGPUB; USPAT	7/23/05 19:42	parent of one found above.
IS&R	L34	1035	(118/712).CCLS.	US-PGPUB; USPAT	7/23/05 20:20	see below
BRS	L35	74	34 and (25 or 26)	US-PGPUB; USPAT	7/23/05 20:20	
BRS	L36	62	34 and (25 or 26) and ( ( temperature with sens\$3) or ( temperature with measur\$5 ) )	US-PGPUB; USPAT	7/23/05 20:22	
BRS	L37	12	34 and (25 or 26) and ( ( temperature with sens\$3) or ( temperature with measur\$5 ) ) and calibrat\$4	US-PGPUB; USPAT	7/23/05 20:22	Browsed first.
BRS	L38	50	36 not 37	US-PGPUB; USPAT	7/23/05 20:32	browsed -- NA
IS&R	L39	661	((438/798) or (438/485)).CCLS.	US-PGPUB; USPAT	7/23/05 20:32	
BRS	L40	1	34 and 39 not (25 or 26)	US-PGPUB; USPAT	7/23/05 20:32	NA.
BRS	L41	961	34 not (25 or 26)	US-PGPUB; USPAT	7/23/05 20:37	eliminated duplicates.
BRS	L42	15	41 and pyromet\$3	US-PGPUB; USPAT	7/23/05 20:38	see below
BRS	L45	93	41 and (monochromator or grating or spectromet\$2 )	US-PGPUB; USPAT	7/23/05 20:39	see below
BRS	L44	8	41 and reflect\$3 and emissivity	US-PGPUB; USPAT	7/23/05 20:39	browsed.
BRS	L46	11	42 not 44	US-PGPUB; USPAT	7/23/05 20:48	browsed
BRS	L47	90	45 not 42 not 44	US-PGPUB; USPAT	7/23/05 20:49	
BRS	L48	18	47 and calibrat\$4	US-PGPUB; USPAT	7/23/05 20:49	browsed - not temperature

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INTERFERENCE SRCH

Type	L#	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L1	12294	374/1 374/2 374/120 374/126 374/127 374/147 374/141 374/179 374/121 356/43 356/45 438/16 438/9 427/8 427/535 427/585 156/345.27 118/666 118/667 118/712 438/798 438/485	US-PGPUB; USPAT; USOCR	7/27/05 17:19	
BRS	L2	1017	374/1 374/2 374/120 374/126 374/127 374/147 374/141 374/179 374/121 356/43 356/45 438/16 438/9 427/8 427/535 427/585 156/345.27 118/666 118/667 118/712 438/798 438/485	US-PGPUB	7/27/05 17:19	
BRS	L3	20	1 and @pd>"20050723"	US-PGPUB; USPAT	7/27/05 17:20	UPDATE previous searches.
BRS	L6	221	2 and (plasma with (cvd or pecvd or pvd)) or (plasma adj (vapor adj deposition)).clm.	US-PGPUB	7/27/05 17:26	see below
BRS	L7	40	2 and (monochromator or grating or spectromet\$2 ).clm.	US-PGPUB	7/27/05 17:26	SEE BELOW
BRS	L8	0	2 and ((chuck or susceptor or pedestal) AND CALIBRAT\$4).clm.	US-PGPUB	7/27/05 17:27	NONE
BRS	L10	37	2 and ( ( panel near3 support) ( substrate near3 support) (wafer near3 support)).clm.	US-PGPUB	7/27/05 17:29	SEE BELOW
BRS	L11	270	2 and ( plasma corona glow discharge ).clm.	US-PGPUB	7/27/05 17:30	see below
BRS	L12	2	(6 or 11) AND (CALIBRAT\$4).clm.	US-PGPUB	7/27/05 17:32	browsed = b
BRS	L13	1	(6 or 11) AND (pyromet\$2 bandgap ).clm.	US-PGPUB	7/27/05 17:33	b
BRS	L14	7	(6 or 11) AND (thermocouple\$1 ).clm.	US-PGPUB	7/27/05 17:33	b
BRS	L9	32	2 and (temperature AND CALIBRAT\$4).clm.	US-PGPUB	7/27/05 17:40	b
BRS	L15	10	7 and @ad > "20021123"	US-PGPUB	7/27/05 17:44	b
BRS	L16	8	(10 not 7 not 9 not 12 not 13 not 14 not 3) and @ad > "20021123"	US-PGPUB	7/27/05 17:46	b
BRS	L17	1	(6 or 11) and (temperature AND CALIBRAT\$4).clm.	US-PGPUB	7/27/05 17:53	b
BRS	L18	106	( plasma corona glow discharge ).clm. and (temperature AND CALIBRAT\$4).clm.	US-PGPUB	7/27/05 17:53	see below
BRS	L20	2	(6 or 11) AND (ellipsomet\$2).clm.	US-PGPUB	7/27/05 17:54	b
BRS	L19	46	(18 not 10 not 7 not 9 not 12 not 13 not 14 not 3) and @ad > "20021123"	US-PGPUB	7/27/05 17:55	b